

For Research Use Only

Mouse CD14 Recombinant antibody, PBS Only (Capture)



Catalog Number:83297-7-PBS

Basic Information

Catalog Number: 83297-7-PBS	GenBank Accession Number: NM_009841.4	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 12475	CloneNo.: 240225F2
Source: Rabbit	UNIPROT ID: P10810	
Isotype: IgG	Full Name: CD14 antigen	
	Calculated MW: 39 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

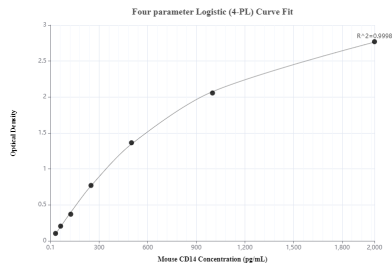
T: 4006900926

E: Proteintech-CN@ptglab.com

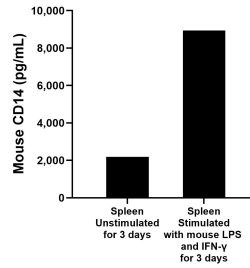
W: ptgcn.com

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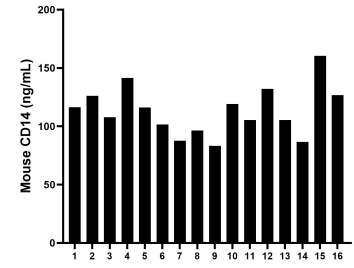
Selected Validation Data



Sandwich ELISA standard curve of MP00313-4, Mouse CD14 Monoclonal Matched Antibody Pair - PBS only. 83297-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0847. 83297-1-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



Mouse splenocytes (1×10^6 cells/mL) were cultured for 3 days in RPMI supplemented with 10% fetal calf serum, 100 ng/mL of recombinant mouse IFN- γ and 1 μ g/mL of LPS. The mean CD-14 concentration was determined to be 2,187.4 pg/mL in unstimulated spleen, 8,939.2 pg/mL in IFN- γ and LPS stimulated spleen supernatant.



Serum of sixteen mice was measured. The CD14 concentration of detected samples was determined to be 113.29 ng/mL with a range of 83.24-160.50 ng/mL.